

IN THE CLAIMS:

1. (Currently amended) A navigational system for [a] an automotive vehicle or aircraft comprising an optical arrangement installed on at least one transparent viewing surface for a driver of the vehicle, said optical arrangement representing images displayed on said at least one viewing surface producing guiding images for imparting directions to the driver; said at least one viewing surface being selectively the windshield or side front window of said vehicle or eyeglasses worn by the driver and comprising lenses of said optical arrangement having at least one arrow provided thereon, said lenses having regulatable degrees of curvature and through which there are displayed objects located exteriorly of said vehicle, said lens curvatures facilitating a 3-dimensional spatial image perception; said images comprise graphical representations pointing towards real objects observed by the driver; said graphical representations comprising an image of at least one arrow display on said at least one viewing surface pointing towards a selected real object for guiding the driver in a specified direction of travel; said system being in operative communications with a global positioning systems (GPS) so as to impart information to the driver regarding objects observed on said at least one viewing surface and as indicated by the driver by pointing to the objects with pointing means.

Claims 2 and 3 (Cancelled).

4. (Previously Presented) A navigational system as claimed in Claim 1, wherein said at least one arrow is projected on said at least one viewing surface so as to be perceived in a 3-dimentional spatial image.

Claims 5, 6 and 7 (Cancel).

Claim 8 (Cancelled).

9. (Original) A navigational system as claimed in Claim 1, wherein said system comprises means to assist drivers of the vehicle having reading disabilities and restrictions to read the names of objects and streets displayed on said at least one viewing surface.

10. (Previously Presented) A navigational system as claimed in Claim 1, wherein said system comprises means to assist drivers of the vehicle to recognize the colors of traffic lights as displayed on said at least one viewing surface.

el  
conf  
Claim 11 (Cancelled).

12. (Previously Presented) A navigational system as claimed in Claim 1, wherein said pointing means comprise said at least one arrow.

13. (Previously Presented) A navigational system as claimed in Claim 1, wherein a computer is operatively connected to said system for operating said at least one arrow; means for inputting information to said computer by said driver; said computer including means for analyzing said information displayed on said at least one viewing surface while communicating with said global positioning system, and imparting directional instructions to said driver in responsive to processing of said items of information.

14. (Original) A navigational system as claimed in Claim 13, wherein said information is inputted to said computer through a microphone in the form of verbal commands, and instructions received through a loudspeaker.

15. (Original) A navigational system as claimed in Claim 14, wherein said information is inputted to said computer through hand-written or keyboard-operated functions.


16. (Original) A navigational system as claimed in Claim 13, wherein said computer processes interrogations from said system regarding tasks including the reading of signs, determining colors and identifying objects, processing images related to specified tasks and providing answers to the driver responsive thereto which are displayed on said at least one viewing surface to assist the driver in directional guidance of the vehicle.

17. (Original) A navigational system as claimed in Claim 13, wherein control means for said system are installed on a driver steering wheel of said vehicle.

18. (Original) A navigational system as claimed in Claim 17, wherein said control means comprise a mouse which is mounted on the steering wheel.

19. (Currently Amended) A method for the navigation of [a] an automotive vehicle or aircraft comprising installing an optical arrangement on at least one transparent viewing surface for a driver of the vehicle, said optical arrangement representing images displayed on said at least one viewing surface producing guiding images for imparting directions to the driver; said images comprising graphical representations pointing towards real objects observed by the ~~drive~~ driver;

said at least one viewing surface being selectively the windshield or side front window of said vehicle or eyeglasses worn by the driver and comprising lenses of said optical arrangement having at least one arrow provided thereon, said lenses having regulatable degrees of curvature and through which there are displayed objects located exteriorly of said vehicle, said lens curvatures facilitating a 3-dimensional spatial image perception; said graphical representations comprising an image of at least one arrow display on said at least one viewing surface pointing towards a selected real object for guiding the driver in a specified direction of travel; said system being in operative communications with a global positioning system (GPS) so as to impart information to the driver regarding objects observed on said at least one viewing surface and as indicated by the driver by pointing to the objects with pointing means.

 Claims 20 and 21 (Cancelled).

22. (Previously Presented) A navigation method as claimed in Claim 19, wherein said at least one arrow is projected on said at least one viewing surface so as to be perceived in a 3-dimensional spatial image.

Claims 23, 24 and 25 (Cancel).

Claim 26 (Cancelled)

27. (Original) A navigation system as claimed in Claim 19, wherein said system to assists drivers of the vehicle having reading disabilities and restrictions in reading the names of objects and streets displayed on said at least one viewing surface.

28. (Original) A navigation method as claimed in Claim 19, wherein said system comprises assisting drivers of the vehicle in recognizing the colors of traffic lights as displayed on said at least one viewing surface.

Claim 29 (Cancelled).

30. (Previously Presented) A navigation method as claimed in Claim 19, wherein said pointing means comprise said at least one arrow.

31. (Previously Presented) A navigational system as claimed in Claim 19, wherein a computer is operatively connected to said system for operating said at least one arrow; inputting information to said computer by said driver; said computer analyzing said information displayed on said at least one viewing surface while communicating with said global positioning system, and imparting directional instructions to said driver in responsive to processing of said items of information.

32. (Original) A navigation method as claimed in Claim 31, wherein said information is inputted to said computer through a microphone in the form of verbal commands, and instructions received through a loudspeaker.

33. (Original) A navigation method as claimed in Claim 32, wherein said information is inputted to said computer through hand-written or keyboard-operated functions.

34. (Original) A navigation method as claimed in Claim 31, wherein said computer processes interrogations from said system regarding tasks including the reading of signs, determining colors and identifying objects, processing images related to specified tasks and providing answers to the driver responsive thereto which are displayed on said at least one viewing surface to assist the driver in directional guidance of the vehicle.

*Cl  
35* 35. (Original) A navigation method as claimed in Claim 31, wherein a control for said system is installed on a driver steering wheel of said vehicle.

36. (Original) A navigation method as claimed in Claim 35, wherein said control comprises a mouse which is mounted on the steering wheel.

---